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Attorney Docket No. TI-62959

Customer Number: 23494

REMARKS

Claims 1-96 are pending. Claims 27-96 are withdrawn from consideration due to unelected inventions.

Rejection of claims 1 and 16

Independent claims 1 and 16 were rejected under 102(b) as being anticipated by Doherty (UA pat. 6,201,521). This rejection is respectfully traversed as Doherty does not teach or suggest all features of each of independent claims 1 and 16.

For example, each of claims 1 and 16 expressly recites, among other features, a step of transforming the received pixel data streams into a set of bitplane data streams such that the bitplane data streams representing the pixels of the same subgroup are parallel and adjacent (emphasis added). In comparison, Doherty is directed to a method of addressing a spatial light modulator using bitplane data – in column 2, lines 31-35, Doherty mentions that the received pixel data is formatted to bitplane data. However, Doherty does not teach or suggest how to format or transform pixel data into bitplane data, much less teach or suggest transforming the pixel data into bitplane data such that the bitplane data streams representing the pixels of the same subgroup are parallel and adjacent.

Moreover, each of claims 1 and 16 recites, still among other features that the pixels of each row of the array are divided into a plurality of subgroups, with the bitplane data streams representing the pixels of the same subgroup being parallel and adjacent. In comparison, Doherty divides the rows of the array into subgroups (and accordingly the bitplane data). Doherty does not divide pixels of each row into subgroups as recited in claim 1. It is hoped the Examiner will reconsider the relevancy of the Doherty disclosure.

Because Doherty fails in teaching or suggesting all features of each of claims 1 and 16, claims 1 and 16 (as well as claims 2-15 depending from claim 1, and claims 17-26 depending from claim 16) are patentable over Doherty. Reconsideration and withdrawal of the rejection are respectfully requested.

It is believed that this application is in condition for allowance. Favorable consideration and prompt allowance are respectfully requested. In the event any fees are required in connection with this paper, please charge the Deposit Account No. 20-0668.

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Respectfully submitted,



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